

Ref #	Hits	Search Query	DBs
S4	278	"65"/\$.ccls. and fining and (foam or gas or bubbles)	USOCR
S5	257	glass.ti. and fining and (foam or gas or bubbles)	USOCR
S6	257	glass.ti. and fining and (foam or gas or bubbles)	US-PGPUB; USPAT
S7	53	(glass.ti. and fining and (foam or gas or bubbles)) not ("65"/\$.ccls. and fining and (foam or gas or bubbles))	USOCR
S8	102	(glass.ti. and fining and (foam or gas or bubbles)) not ("65"/\$.ccls. and fining and (foam or gas or bubbles))	USPAT
S9	212	"65"/\$.ccls. and fining and (foam or gas or bubbles)	US-PGPUB; USPAT
S14	442	"65"/\$.ccls. and (finer or fining) and (foam or gas or bubbles)	US-PGPUB; USPAT
S17	193	("65"/\$.ccls. and (finer or fining) and (foam or gas or bubbles)) and (vacuum or suction or underpressure or (negative adj pressure) or (under adj pressure) or (reduc\$4 adj pressure))	US-PGPUB; USPAT
S18	60	("65"/\$.ccls. and fining and (foam or gas or bubbles)) and (vacuum or suction or underpressure or (negative adj pressure) or (under adj pressure) or (reduc\$4 adj pressure))	US-PGPUB; USPAT
S31	5	"65"/\$.ccls. and ((fining or finer or refiner or refining) and (gas or bubbles or foam) and (vacuum or suction or (negative adj pressure))))).ab.	US-PGPUB; USPAT
S32	16	"65"/\$.ccls. and ((fining or finer or refiner or refining) and (vacuum or suction or (negative adj pressure))))).ab.	US-PGPUB; USPAT
S33	17	(glass and (fining or finer or refiner or refining) and (vacuum or suction or (negative adj pressure))))).ab.	US-PGPUB; USPAT
S34	19	("65"/\$.ccls. and ((fining or finer or refiner or refining) and (gas or bubbles or foam) and (vacuum or suction or (negative adj pressure))))).ab.) or ("65"/\$.ccls. and ((fining or finer or refiner or refining) and (vacuum or suction or (negative adj pressure))))).ab.) or ((glass and (fining or finer or refiner or refining) and (vacuum or suction or (negative adj pressure))))).ab.)	US-PGPUB; USPAT
S35	101	(65/134.6).CCL.S.	USPAT; USOCR
S36	334	((65/134.6).CCL.S.) or ((65/134.9).CCL.S.) or ((65/135.1).CCL.S.)	USPAT
S37	53	(65/134.2).CCL.S.	USPAT; USOCR

## EAST Search History

S38	106	(65/134.9).OCL.S.	USPAT; USOCR
S39	150	(65/135.1).OCL.S.	USPAT; USOCR
S40	5	((65/134.2).OCL.S.) and ((65/134.9).OCL.S.) and ((65/135.1).OCL.S.)	USPAT
S41	15	((65/134.9).OCL.S.) and ((65/135.1).OCL.S.)	USPAT
S42	20	((65/134.2).OCL.S.) and ((65/134.9).OCL.S.)	USPAT
S43	5	((65/134.2).OCL.S.) and ((65/135.1).OCL.S.)	USPAT
S68	92	"65"/\$.ccls. and foam and vacuum	USPAT
S70	49	(65/125).OCL.S.	USPAT; USOCR
S71	8	"65"/\$.ccls. and foam and vacuum	US-PGPUB
S72	42	"65"/\$.ccls. and foam and vacuum	USOCR
S74	560	"501"/\$.ccls. and (foam or bubbles) and (suction or vacuum or underpressure or (reduced adj pressure))	USPAT
S75	15231	(melt or molten) and (foam or bubbles) and (suction or vacuum or underpressure or (reduced adj pressure))	USPAT
S76	511	(molten adj glass).ti.	USPAT
S77	1	(molten adj glass).ti. and (foam or bubbles).ab. and (suction or vacuum).ab.	USPAT
S78	3	(molten adj metal).ti. and (foam or bubbles).ab. and (suction or vacuum).ab.	USPAT
S79	46	(melt or melt\$4 or molten).ab. and (foam or bubbles).ab. and (suction or vacuum).ab.	USPAT
S80	419	(melt or melt\$4 or molten).ab. and ((foam or bubbles) with (suction or vacuum))	USPAT
S83	131	((melt or melt\$4 or molten).ab. and ((foam or bubbles) with (suction or vacuum))) and plastic	USPAT
S84	68	((melt or melt\$4 or molten).ab. and ((foam or bubbles) with (suction or vacuum))) and (polymer or plastic).ab.	USPAT
S85	428	(melt or melt\$4 or molten).ab. and ((foam or bubbles) with (suction or vacuum))	USPAT
S88	65	(melt or melt\$4 or molten).ti. and ((foam or bubbles) with (suction or vacuum))	USPAT
S89	3	((melt or melt\$4 or molten).ti. and ((foam or bubbles) with (suction or vacuum))) not ((melt or melt\$4 or molten).ab. and ((foam or bubbles) with (suction or vacuum)))	USPAT
S90	151	"65"/\$.ccls. and ((foam or bubbles or degas\$5) with vacuum)	USPAT
S91	8769	metal and ((foam or bubbles or degas\$5) with vacuum)	USPAT
S92	1263	(metal with (melt\$3 or molten)) and ((foam or bubbles or degas\$5) with vacuum)	USPAT
S93	9	(metal with (melt\$3 or molten)) and ((foam or bubbles or degas\$5) with vacuum) and (break\$4 with (stir\$4 or impeller or rotor))	USPAT

## EAST Search History

S94	296	(metal with (melt\$3 or molten)).ab. and ((foam or bubbles or degas\$5) with vacuum)	USPAT
S95	77	(metal with (melt\$3 or molten)).ti. and ((foam or bubbles or degas\$5) with vacuum)	USPAT
S98	67	(65/134.2).CCLS	US-PGPUB; USPAT
S112	162	"65"/\$.ccls. and (fining or finer or refiner or refining or conditioning) and (vacuum or suction or (negative adj pressure)) and (foam or bubbles)	US-PGPUB; USPAT
S113	212	"65"/\$.ccls. and (foam or bubbles).ab.	US-PGPUB; USPAT
S122	210	"65"/\$.ccls. and ((fining or finer or refiner or refining or degas\$5) with (vacuum or suction or pressure))	US-PGPUB; USPAT
S123	76	65/134.2.ccls.	US-PGPUB; USPAT
S129	377	65/374.12.ccls.	US-PGPUB; USPAT
S130	503	65/374.12.ccls.	US-PGPUB; USPAT; USOCR
S131	87	65/134.2.ccls.	US-PGPUB; USPAT; USOCR
S132	9	S131 and ellip\$6	US-PGPUB; USPAT; USOCR
S133	9	S130 and ellip\$5	US-PGPUB; USPAT; USOCR
S134	87	65/134.2.ccls.	US-PGPUB; USPAT; USOCR
S135	5	S134 and (concave or convex or concavity)	US-PGPUB; USPAT; USOCR
S136	608	C03B005/225.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
S137	18	S136 and (ellip\$6 or concave or convex)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
S140	185	(corrugated and (pipe or conduit or channel)).ti.	USPAT
S141	19	S140 and molten	USPAT
S142	84	(corrugated with platinum)	USPAT